Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 28 Aug 2023 until 23:59 on Tuesday 29 Aug 2023

Forecast Issued on Sunday 27 Aug 2023 at 14:49

Confidence: High for prevailing changeable theme, but low for detail, especially for cloud. Confidence becomes low from Thursday with arrival of an Atlantic weather system.

Headline for Monday 28 Aug 2023: Cloud thinning and breaking from the west to brighter skies by Monday afternoon. Mostly light winds.

Mountain weather hazards on Monday 28 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	MIST						
Mist	Mist	Cloudy	Cloudy	Sunny intervals	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
30%	20%	20%	20%	10%	20%	10%	10%

Forecast for Monday 28 Aug 2023

Weather: A damp start with possible light rain in early hours of Monday morning probably dying out by dawn period. Mostly dry and increasingly bright through Monday morning, with best of sunshine developing across more sheltered eastern areas.

Chance of cloud-free hill tops above 600m: 60% at first becoming 30% during early hours of Monday morning, becoming 70% or more by afternoon, with little change into Monday evening. Cloud may infill for a time in the afternoon, with cloudier skies likely.

Low Cloud and visibility: Broken to overcast bases lowering to 500m during early hours of Monday morning. Cloud bases then becoming broken 700m by early afternoon, and probably scattered bases thereafter, especially in sheltered eastern areas. Cloud bases lowering again around dusk period. Visibility becoming moderate to poor in early hours of Monday morning, then becoming very good for afternoon and evening, but moderate in any showers following, and very poor visibility in cloud.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 28 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/11 W	9/13 NW	9/15 NW	11/17 NW	12/18 NW	13/19 W	10/16 W	7/13 W	9/14 W
300	4/11 NW	6/13 NW	7/15 NW	9/16 NW	10/18 NW	10/19 W	8/17 W	6/12 W	6/14 W
Valley	2/6 NW	3/10 NW	4/10 NW	7/13 NW	9/17 W	8/17 W	7/16 W	3/7 W	3/8 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	9/6	8/6	9/7	12/9	12/9	11/9	10/8	9/7
300	10/10	10/9	10/8	12/11	15/13	14/12	13/12	11/10	10/9
Valley	12/12	11/11	10/10	14/13	16/14	15/14	15/14	12/12	11/11
Freezing Level*	2300m	2100m	1800m	1800m	1900m	2200m	2100m	2000m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts may be a little higher across peaks and some ridges in afternoon. Sun protection may be required in any sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 26 Aug 2023	8.4mm	14mm	18.4mm

Forecast for Tuesday 29 Aug 2023

Weather: A misty start with possible fog at first in some valleys. Generally cloudy with some showery rain crossing from the west and northwest in the morning. Drier and brighter through the afternoon with some sunny spells developing, along with a few mostly light rain showers, these continuing into the evening period. Feeling humid in the afternoon.

Maximum wind: West or NW with gusts 25-30mph in the afternoon.

Chance of cloud-free hill tops above 600m: 20% or less during much of Tuesday morning then becoming 90% or more in the afternoon.

Low Cloud and visibility: Broken to overcast bases 400 to 500m developing during early hours, with little change likely for much of Tuesday morning. In the early afternoon cloud lifting and breaking to scattered bases 800m. Visibility becoming moderate or poor during Tuesday morning, before improving in the afternoon to very good, but very poor visibility in cloud. Moderate visibility likely in showers during afternoon and evening.

Temperature: **Valleys:** Plus 6 degrees Celsius becoming plus 20 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming plus 12 degrees Celsius.
Freezing level: Well above summits.

Friday	Uncertainty with regard to the clearance of the weather system, with outbreaks of rain perhaps continuing into Friday, then probably becoming showery in afternoon with some brighter spells, and probably feeling humid once again.

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